

**ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE  
REGULATORY CONTACT RECORD**

Date: January 24, 1996

Site Contact(s): Rob Garren, Mike Putney (Radian) Extension: X2609, X2692  
Jo Anne Lehman, Rod Sgrignoli (DCI) X4070, X6659  
Regulatory Contact: Arch Crouse, Dick Fox Extension: X2115  
Agency: Colorado Department of Public Health and Environment, Air Pollution Control Division

**Purpose of Contact (include topics discussed and documentation supplied):**

The Colorado Department of Public Health and Environment (CDPHE) Air Pollution Control Division (APCD) conducted its annual air quality compliance building tour in Buildings 124 and 443 on January 24, 1996.

**Attendance**

The opening meeting was held in T-119A at 0900 on January 24, 1996. Present were Arch Crouse and Dick Fox of CDPHE APCD, Russell McCallister of DOE, RFFO ELG, Rob Garren and Mike Putney of Radian Air Quality, a subcontractor to K-H, and Leslie Langlois, JoAnne Lehman and Rod Sgrignoli of DCI EP&C and Utility Divisions. The inspection team proceeded to Building 443 first where they were hosted by Adam Harvey of DCI Utility Division. Andrew Garda of NFT answered questions on the filter tester. The inspection team left Building 443 for Building 124, where they were hosted by Dave Webb of DCI Utility Division, and then returned to T-119A for the closing meeting.

**Verification**

The following information was obtained directly from operating logs or visual inspection: 1) hour meter readings for the Emergency Diesel Generator (EDG) in Building 124; 2) hour meter readings for EDG#1 and EDG#2 in Building 443; 3) identification numbers for all storage tanks (3 above-ground diesel fuel storage tanks, 2 former underground diesel fuel storage tanks, 2 above-ground #6 fuel oil storage tanks, 4 former underground #6 fuel oil storage tanks, 1 H<sub>2</sub>SO<sub>4</sub> above-ground storage tank, 1 NaOH above-ground storage tank, 1 above-ground steam condensate return tank, and 7 water storage tanks associated with the site's water treatment plant for domestic water); 4) natural gas usage for the steam plant and filter tester in 1995; 5) #6 fuel oil usage for the steam plant in 1995; 6) permit number verification (as posted on all 3 EDGs and all 4 boilers); and 7) preliminary information on plans for the deactivation and decommissioning (D&D) of Buildings 221 and 224 (the two large #6 fuel oil storage tanks on Central Avenue).

Records of individual boiler fuel usage are incomplete due to downtime when the old units were removed from service and the new units were tested and placed in service. Total fuel usage is correct and the new system tracks individual boiler usage as before so the information will be available again in 1996. This is not a concern or deficiency to the state since the new tracking program is already in place.

**RESULTS**

There were no deficiencies found and no further action has been requested. The site expects to receive the state's field inspection report next week.

**In addition**, the following information was provided in response to questions from the inspectors:

1) There are approximately 570,000 gallons of #6 fuel oil remaining in the two large storage tanks along Central Avenue. The project to D&D these tanks is expected to lose its funding during this fiscal year. The project team was unable to attend the opening meeting so a future meeting will be scheduled to review this project for air impacts when it is further along in its planning stages. The issues requested for review deal with choice of solvents and any emissions (e.g., VOCs) associated with removing #6 fuel oil residue from the inside of the tanks prior to dismantling.

2) #1 and #2 Diesel Fuel Underground Tanks at Building 443 have been filled with foam to stabilize until the tanks are removed. #1 and #2 #6 fuel oil underground tanks have been emptied and removed from operation; removal of the tanks is pending funding. Currently, tank #4 is scheduled for accelerated cleanup.

3) There is no information on boiler #7 as to whether or not it will be re-tubed. Funding for this activity is being discussed.

4) Andrew Garcia of NFT, an RMRS third-tier subcontractor, stated that 5 filters were tested last year using the filter tester. He stated that it typically takes 10 minutes to achieve a temperature of about 700°F at which point a 5-minute burn test is performed. The gas usage for this activity is insignificant, calculated to be approximately 73 lbs/yr.

5) Utilities Division is scheduled to perform its monthly EDG load tests on February 5, 1996 when CDPHE APCD will also perform annual opacity tests.

**Follow-up required (list any documents requested):**

None.

**DISTRIBUTION**

Copies of any documentation supplied should be attached to this record and sent to the appropriate individuals as designated by an asterisk.

**FOR ENVIRONMENTAL CONTACTS:**

<u>Fax</u>	<u>Name</u>	<u>Company</u>	<u>Building</u>
2865	T. R. Benton	WSI	T119B
3744	K. A. Holstein	DynCorp	T130D
8244	C. C. Jlerrea	RMRS	T130C
*6406	J. Wrapp	K-H	T130F
7553	W. M. Wierzbicki	SSOC	T130A
*3710	R. April	DOE, RFFO	116

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<u>Fax</u>	<u>Name</u>	<u>Company</u>	<u>Building</u>
8286	C. Herring	DCI	T130D
3744	R. Mitchell	DCI	T130D
*6406	M. R. Ferrari	K-H	T130C
6375	L. A. Waggoner	K-H	T130D
6375	G. Sollner	K-H	T130D

**CONTACT SPECIFIC DISTRIBUTION:**

(add others involved with this particular regulatory contact)

<u>Fax</u>	<u>Name</u>	<u>Company</u>	<u>Building</u>
5664	A. Garcia	NFT	442
3578	R. Garren	Radian	T130C
6779	A. Harvey	DCI	443
7171	L. Langlois	DCI	T130G
3744	J. Lehman	DCI	T130D
3710	R. McCallister	DOE, RFFO	116
3578	M. Putney	Radian	T130C
5662	D. Webb	DCI	124